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PTO/SB/21 (09-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

27

Application Number

10/849,585

Filing Date

May 19, 2004

First Named Inventor

Richard Stoltz

Art Unit

3739

Examiner Name

Ahmed M. Farah

Attorney Docket Number

PA3070US

ENCLOSURES (Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☒

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Reply to Missing Parts/
Incomplete Application

☐

Reply to Missing Parts
under 37 CFR 1.52 or 1.53

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

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Petition to Convert to a

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Provisional Application

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Power of Attorney, Revocation

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After Allowance Communication to TC

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Appeal Communication to Board
of Appeals and Interferences

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Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

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Proprietary Information

☐

Status Letter

☒

Other Enclosure(s) (please identify
below):

- 1) Confirmation postcard;
- 2) Duplicate of Supplemental IDS;
- 3) PTO/SB/08 (x2);
- 4) Copies of 10 cited foreign and nonpatent references

Remarks

Total page number does not include postcard or cited foreign and nonpatent references.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Carr & Ferrell LLP

Cust. No. 22830

Signature

Printed name

Eric J. Worthington

Date

October 12, 2005

Reg. No.

50,910

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IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Richard Stoltz et al.
SERIAL NO.: 10/849,585
FILED: May 19, 2004
TITLE: Scanned Small Spot Ablation with a High-Rep-Rate
EXAMINER: Ahmed M. Farah
GROUP ART UNIT: 3739
ATTY.DKT.NO.: PA3070US

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
Under 37 C.F.R. §§ 1.56, and 1.97-1.98

SIR:

Pursuant to the provisions of 37 C.F.R. §§ 1.56 and 1.97-98 of the Rules of Practice in Patent Cases, enclosed herewith is form PTO-SB-08 listing several references; copies of the cited foreign patent and nonpatent references are enclosed. The Examiner is requested to make these references of official record in the application. The references cited may be material to examination of the application and are submitted in compliance with Applicant(s)'s duty of disclosure as defined by 37 C.F.R. § 1.56.

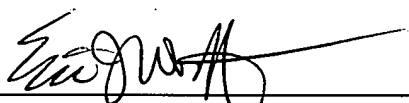
No representation is made or intended as to the completeness of this list, nor is the inclusion of any reference on this list an admission that it is prior art or pertinent to this application.

Applicants believe no fee is due with this submission. If a fee is due, however, the Commissioner is hereby authorized to charge any necessary fee to Account Number 06-0600. A copy of this statement is submitted in duplicate for this purpose.

Respectfully submitted,
Richard Stoltz et al.

Dated: October 12, 2005

By: _____

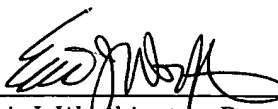

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EXAMINER: Ahmed M. Farah

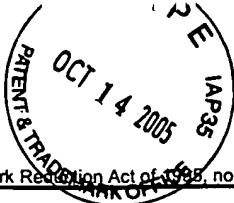
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**List of Co-Pending Patent Applications That May Be Directed
Towards Similar Subject Matter**

Examiner's Initials	Serial Number	First-Named Inventor	Title	Filing Date
	10/916,368	Richard Stoltz	Pulse Energy Adjustment for Changes in Ablation Spot Size	8/11/2004
	10/916,365	Richard Stoltz	Ablative Material Removal with a Preset Removal Rate or Volume or Depth	8/11/2004
	10/850,325	Richard Stoltz	Controlling Temperature of an Optical Amplifier by Controlling Pump Diode Current	5/19/2004
	11/057,867	Michael Mielke	Method of Generating an Ultra-Short Pulse Using a High-Frequency Ring Oscillator	2/13/2005
	11/057,868	Michael Mielke	Amplifying of high Energy Laser Pulses	2/13/2005
	11/224,867	Peter Delfyett	Laser Ablation Method and Apparatus Having a Feedback Loop and Control Unit	9/12/2005
	11/233,634	James F. Brennan, III	Wavelength-Stabilized Pump Diodes for Pumping Gain Media in an Ultrashort Pulsed Laser System	9/22/2005
	11/112,256	James F. Brennan, III	Bragg Fibers in Systems for the Generation of High Peak Power Light	4/22/2005
Examiner's Signature:				Date



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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/849,585
Filing Date	May 19, 2004
First Named Inventor	Richard Stoltz
Art Unit	3739
Examiner Name	Ahmed M. Farah
Attorney Docket Number	PA3070US

Sheet 1 of 10

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3808549	04-30-1974	Maurer	
		US- 3963953	06-15-1976	Thornton, Jr.	
		US- 4750809	06-14-1988	Kafka et al.	
		US- 4815079	03-21-1989	Snitzer et al.	
		US- 4824598	04-25-1989	Stokowski	
		US- 4829529	05-09-1989	Kafka	
		US- 4913520	04-03-1990	Kafka	
		US- 4972423	11-20-1990	Alfano et al.	
		US- 5162643	11-10-1992	Currie	
		US- 5166818	11-24-1992	Chase et al.	
		US- 5187759	02-16-1993	DiGiovanni et al.	
		US- 5237576	08-17-1993	DiGiovanni et al.	
		US- 5265107	11-23-1993	Delfyett, Jr.	
		US- 5291501	03-01-1994	Hanna	
		US- 5302835	04-12-1994	Bendett et al.	
		US- 5313262	05-17-1994	Leonard	
		US- 5400350	03-21-1995	Galvanauskas	
		US- 5414725	05-09-1995	Fermann et al.	
		US- 5430572	07-04-1995	DiGiovanni et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 2003181661 A	07-02-2003	NEC CORP		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND
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Art Unit	3739
Examiner Name	Ahmed M. Farah
Attorney Docket Number	PA3070US

Sheet 2 of 10**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5440573	08-08-1995	Fermann	
		US- 5450427	09-12-1995	Fermann et al.	
		US- 5479422	12-26-1995	Fermann et al.	
		US- 5489984	02-06-1996	Hariharan et al.	
		US- 5499134	03-12-1996	Galvanauskas et al.	
		US- 5517043	05-14-1996	Ma et al.	
		US- 5585652	12-17-1996	Kamasz et al.	
		US- 5585913	12-17-1996	Hariharan et al.	
		US- 5596668	01-21-1997	DiGiovanni et al.	
		US- 5602677	02-11-1997	Tournois	
		US- 5617434	04-01-1997	Tamura et al.	
		US- 5627848	05-06-1997	Fermann et al.	
		US- 5633750	05-27-1997	Nogiwa et al.	
		US- 5633885	05-27-1997	Galvanauskas et al.	
		US- 5663731	09-02-1997	Theodoras, II et al.	
		US- 5677769	10-14-1997	Bendett	
		US- 5689519	11-18-1997	Fermann et al.	
		US- 5696782	12-09-1997	Harter et al.	
		US- 5701319	12-23-1997	Fermann	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Sheet **3** of **10****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5703639	12-30-1997	Farrier et al.	
		US- 5708669	01-13-1998	DiGiovanni et al.	
		US- 5710424	01-20-1998	Thoedoras, II et al.	
		US- 5778016	07-07-1998	Sucha et al.	
		US- 5818630	10-06-1998	Fermann et al.	
		US- 5822097	10-13-1998	Tournois	
		US- 5847863	12-08-1998	Galvanauskas et al.	
		US- 5862287	01-19-1999	Stock et al.	
		US- 5867304	02-02-1999	Galvanauskas et al.	
		US- 5875408	02-23-1999	Bendett et al.	
		US- 5880877	03-09-1999	Fermann et al.	
		US- 5898485	04-27-1999	Nati, Jr.	
		US- 5920668	07-06-1999	Uehara et al.	
		US- 5923686	07-13-1999	Fermann et al.	
		US- 5936716	08-10-1999	Pinsukanjana et al.	
		US- 6014249	01-11-2000	Fermann et al.	
		US- 6020591	02-01-2000	Harter et al.	
		US- 6034975	03-07-2000	Harter et al.	
		US- 6061373	05-09-2000	Brockman et al.	

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Sheet 4 of 10

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		Number-Kind Code ² (if known)			
		US- 6072811	06-06-2000	Fermann et al.	
		US- 6075588	06-13-2000	Pinsukanjana et al.	
		US- 6081369	06-27-2000	Waarts et al.	
		US- 6151338	11-21-2000	Grubb et al.	
		US- 6154310	11-28-2000	Galvanauskas et al.	
		US- 6181463 B1	01-30-2001	Galvanauskas et al.	
		US- 6198568 B1	03-06-2001	Galvanauskas et al.	
		US- 6208458 B1	03-27-2001	Galvanauskas et al.	
		US- 6249630 B1	06-19-2001	Stock et al.	
		US- 6252892 B1	06-26-2001	Jiang et al.	
		US- 6256328 B1	07-03-2001	Delfyett et al.	
		US- 6269108 B1	07-31-2001	Tabirian et al.	
		US- 6275512 B1	08-14-2001	Fermann	
		US- 6314115 B1	11-06-2001	Delfyett et al.	
		US- 6327074 B1	12-04-2001	Bass et al.	
		US- 6327282 B2	12-04-2001	Hammons et al.	
		US- 6334011 B1	12-25-2001	Galvanauskas et al.	
		US- 6335821 B1	01-01-2002	Suzuki et al.	
		US- 6404944 B1	06-11-2002	Wa et al.	

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Sheet **5** of **10****U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
		US- 6421169 B1	07-16-2002	Bonnedal et al.	
		US- 6433760 B1	08-13-2002	Vaissie et al.	
		US- 6501590 B2	12-31-2002	Bass et al.	
		US- 6522460 B2	02-18-2003	Bonnedal et al.	
		US- 6525873 B2	02-25-2003	Gerrish et al.	
		US- 6526327 B2	02-25-2003	Kar et al.	
		US- 6529319 B2	03-04-2003	Youn et al.	
		US- 6549547 B2	04-15-2003	Galvanauskas et al.	
		US- 6567431 B2	05-20-2003	Tabirian et al.	
		US- 6576917 B1	06-10-2003	Silfvast	
		US- 6580553 B2	06-17-2003	Kim et al.	
		US- 6603911 B2	08-05-2003	Fink et al.	
		US- 6642477 B1	11-04-2003	Patel et al.	
		US- 6647031 B2	11-11-2003	Delfyett et al.	
		US- 6654161 B2	11-25-2003	Bass et al.	
		US- 6661816 B2	12-09-2003	Delfyett et al.	
		US- 6671298 B1	12-30-2003	Delfyett et al.	
		US- 6690686 B2	02-10-2004	Delfyett et al.	
		US- 6723991 B1	04-20-2004	Sucha et al.	

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STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/849,585
Filing Date	May 19, 2004
First Named Inventor	Richard Stoltz
Art Unit	3739
Examiner Name	Ahmed M. Farah
Attorney Docket Number	PA3070US

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6728439 B2	04-27-2004	Weisberg et al.	
		US- 6735229 B1	05-11-2004	Delfyett et al.	
		US- 6738144 B1	05-18-2004	Dogariu	
		US- 6744555 B2	06-01-2004	Galvanauskas et al.	
		US- 6774869 B2	08-10-2004	Biocca et al.	
		US- 6782207 B1	08-24-2004	Efimov	
		US- 6788864 B2	09-07-2004	Ahmad et al.	
		US- 6801551 B1	10-05-2004	Delfyett et al.	
		US- 6807375 B2	10-19-2004	Dogariu	
		US- 6819694 B2	11-16-2004	Jiang et al.	
		US- 6822251 B1	11-23-2004	Arenberg et al.	
		US- 2002/0176676 A1	11-28-2002	Johnson et al.	
		US- 5656186	08-12-1997	Mourou et al.	
		US- 6303903 B1	10-16-2001	Liu	
		US- 6355908 B1	03-12-2002	Tatah et al.	
		US- RE37585 E	03-19-2002	Mourou et al.	
		US- 6362454 B1	03-26-2002	Liu	
		US- 6365869 B1	04-02-2002	Swain et al.	
		US- 6433303 B1	08-13-2002	Liu et al.	

FOREIGN PATENT DOCUMENTS

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Sheet 7 of 10**U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
		US- 6433305 B1	08-13-2002	Liu et al.	
		US- 6574024 B1	06-03-2003	Liu	
		US- 6621045 B1	09-16-2003	Liu et al.	
		US- 6627844 B2	09-30-2003	Liu et al.	
		US- 6710288 B2	03-23-2004	Liu et al.	
		US- 6710293 B2	03-23-2004	Liu et al.	
		US- 6720519 B2	04-13-2004	Liu et al.	
		US- 6749285 B2	06-15-2004	Liu et al.	
		US- 6787734 B2	09-07-2004	Liu	
		US- 6791060 B2	09-14-2004	Dunsky et al.	
		US- 6803539 B2	10-12-2004	Liu et al.	
		US- 6804574 B2	10-12-2004	Liu et al.	
		US- 6815638 B2	11-09-2004	Liu	
		US- 6819837 B2	11-16-2004	Li et al.	
		US- 6829517 B2	12-07-2004	Cheng et al.	
		US- 6897405 B2	05-24-2005	Cheng et al.	
		US- 4718418	01-12-1988	L'Esperance, Jr.	
		US- 5880823	03-09-1999	Lu	
		US- 6120857	09-19-2000	Balooch et al.	

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		Number-Kind Code ² (if known)			
		US- 6156030	12-05-2000	Neev	
		US- 6878900 B2	04-12-2005	Corkum et al.	
		US- 5572358	11-05-1996	Gabl et al.	
		US- 2005/0127049 A1	06-16-2005	Woeste et al.	
		US- 2005/0061779 A1	03-24-2005	Blumenfeld et al.	
		US- 5572358	11-05-1996	Gabl et al.	
		US- 5572335	11-05-1996	Stevens	
		US- 5329398	07-12-1994	Lai et al.	
		US- 5726855	03-10-1998	Mourou et al.	
		US- 5720894	02-24-1998	Neev et al.	
		US- 5592327	01-07-1997	Gabl et al.	
		US- 6597497 B2	07-22-2003	Wang et al.	
		US- 4902127	02-20-1990	Byer et al.	
		US- 5418809	05-23-1995	August Jr. et al.	
		US- 3631362	12-28-1971	Almasi et al.	
		US- 6573813 B1	06-03-2003	Joannopoulos et al.	
		US- 2002/0176676 A1	11-28-2002	Johnson et al.	
		US- 2005/0171516 A1	08-04-2005	Stoltz et al.	
		US- 2005/0035097 A1	02-17-2005	Stoltz	

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Examiner Name	Ahmed M. Farah
Attorney Docket Number	PA3070US

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		YEH et al., "Theory of Bragg Fiber", Journal of the Optical Society America, September 1978, pp. 1196, Vol. 68, No. 9.	
		ENGENSESS et al., "Dispersion Tailoring and Compensation by Modal Interactions in Omniguide Fibers," Optics Express, May 19, 2003, pp. 1175-1196, Vol 11, No. 10.	
		FINK et al., "Guiding Optical Light in Air Using an All-Dielectric Structure," Journal of Lightwave Technology, November 1999, pp 2039-2041, Vol. 17, No. 11.	
		SIEGMAN, "Unstable Optical Resonators", Applied Optics, February 1974, pp. 353-367, Vol. 13, No. 2.	
		KOECHNER, "Solid State Laser Engineering", October 29, 1999, Section 5.5, pp 270-277, 5th Edition, Springer.	
		CHEN et al. "Dispersion-Managed Mode Locking", Journal of the Optical Society of America B, November 1999, pp 1999-2004, Vol. 16, No. 11, Optical Society of America.	
		RESAN et al. "Dispersion-Managed Semiconductor Mode-Locked Ring Laser", Optics Letters, August 1, 2003, pp. 1371-1373, Vol. 28, No. 15, Optical Society of America.	
		DASGUPTA, S. et al., "Design of Dispersion-Compensating Bragg Fiber with an Ultrahigh Figure of Merit," Optics Letters, August 1, 2005, Vol. 30, No. 15, Optical Society of America.	
		MOHAMMED, W. et al., "Selective Excitation of the TE01 Mode in Hollow-Glass Waveguide Using a Subwavelength Grating," IEEE Photonics Technology Letters, July 2005, Vol. 17, No. 7, IEEE.	

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